

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/052137A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H05B41/392

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 034 660 A (SAIRANEN MARTTI) 23 July 1991 (1991-07-23) column 2, lines 14-48 figure 3 -----	1-9
X	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 04, 4 August 2002 (2002-08-04) -& JP 2001 357991 A (MATSUSHITA ELECTRIC WORKS LTD), 26 December 2001 (2001-12-26) abstract -----	1-9
P, X	WO 03/105185 A (HENDRIX JOHAN L V ; DE GROOT JOSEPHUS J (NL); GIELEN JOHANNES W A M (N) 18 December 2003 (2003-12-18) the whole document ----- -/-	1-9

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

° Special categories of cited documents :

- °A° document defining the general state of the art which is not considered to be of particular relevance
- °E° earlier document but published on or after the International filing date
- °L° document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- °O° document referring to an oral disclosure, use, exhibition or other means
- °P° document published prior to the International filing date but later than the priority date claimed

- °T° later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- °X° document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- °Y° document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- °&° document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

16 December 2004

23/12/2004

Name and mailing address of the ISA
European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Silva, João Carlos

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/052137

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 806 792 A (SLI LICHTSYSTEME GMBH) 12 November 1997 (1997-11-12) abstract column 3, line 16 - line 45 -----	1-9
A	EP 0 658 921 A (PHILIPS ELECTRONICS NV) 21 June 1995 (1995-06-21) the whole document -----	
A	SERRES A W ET AL: "AMALGAMS AND COMPACT FLUORESCENT LAMPS" CONFERENCE RECORD OF THE INDUSTRY APPLICATIONS CONFERENCE IAS ANNUAL MEETING. TORONTO, OCT. 3 - 8, 1993, NEW YORK, IEEE, US, vol. PART 3 MEETING 28, 3 October 1993 (1993-10-03), pages 2296-2304, XP000420457 the whole document -----	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/052137

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5034660	A	23-07-1991		FI 821385 A AT 384339 B AT 142183 A AU 552357 B2 AU 1349183 A BR 8302091 A CH 659557 A5 DE 3313916 A1 FR 2525848 A1 GB 2119184 A ,B JP 58194298 A NL 8301357 A ,B, SE 458166 B SE 8302179 A		22-10-1983 27-10-1987 15-03-1987 29-05-1986 27-10-1983 27-12-1983 30-01-1987 27-10-1983 28-10-1983 09-11-1983 12-11-1983 16-11-1983 27-02-1989 22-10-1983
JP 2001357991	A	26-12-2001		NONE		
WO 03105185	A	18-12-2003	WO	03105185 A1		18-12-2003
EP 0806792	A	12-11-1997	DE EP	19633768 A1 0806792 A2		13-11-1997 12-11-1997
EP 0658921	A	21-06-1995	BE DE DE EP JP US	1007838 A3 69405203 D1 69405203 T2 0658921 A1 7211297 A 5677598 A		31-10-1995 02-10-1997 26-02-1998 21-06-1995 11-08-1995 14-10-1997